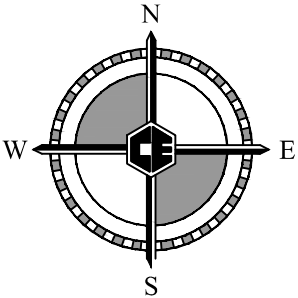
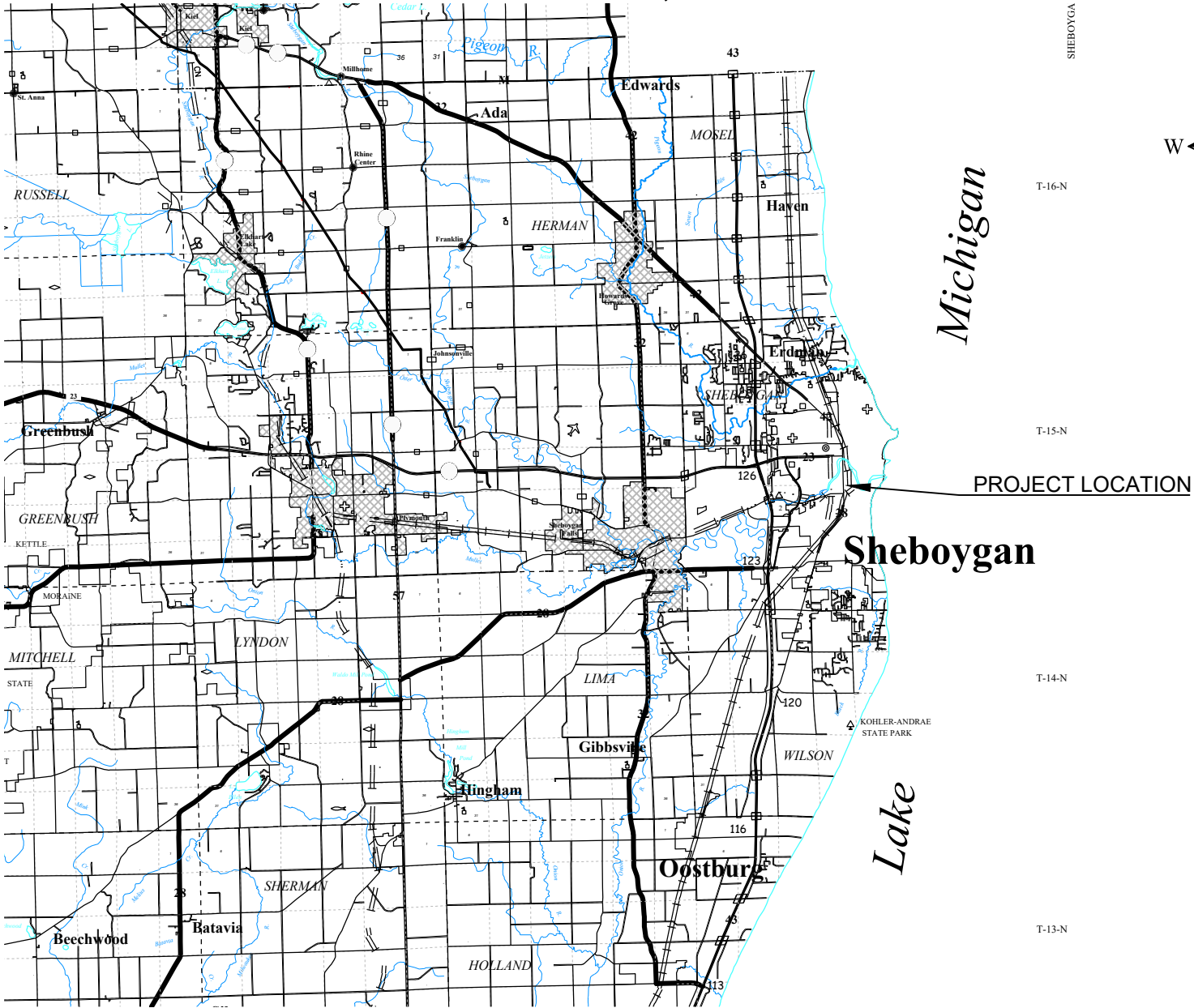
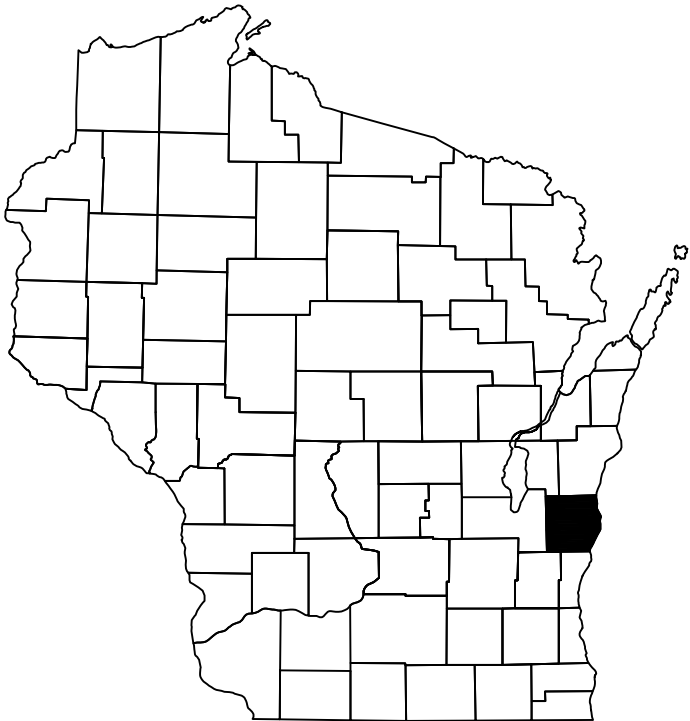



VIRGINIA DRS  
SITE PLANS  
SHEBOYGAN COUNTY, WISCONSIN



1	05/10/24	DRAFT FOR REVIEW	KVR	---	---
REV	DATE	DESCRIPTION	DES	CHK	APP


PREPARED FOR:

Wisconsin Public Service Corporation



700 North Adams Street  
P.O. Box 19001  
Green Bay, WI 54307-9001  
Phone: 800-450-7260 Fax: 920-431-4815

PREPARED BY:



COLEMAN ENGINEERING COMPANY  
IRON MOUNTAIN • IRONWOOD • GREEN BAY  
www.coleman-engineering.com

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CONSTRUCTION

DRAWING TITLE: VIRGINIA DRS COVER SHEET		
SCALE: NONE	SHEET NO: 1 OF 6	REV. 1

## GENERAL PLAN NOTES

1. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND LICENSES NOT ACQUIRED BY THE OWNER BEFORE STARTING CONSTRUCTION, A COPY OF WHICH SHALL BE PROVIDED TO THE ENGINEER IF REQUESTED. ALL SUCH PERMIT AND LICENSE FEES SHALL BE THE SOLE EXPENSE OF THE CONTRACTOR.
2. OWNER OR ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR THE MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED OF THE CONTRACTOR TO PERFORM THEIR WORK.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY SECURING AND PROTECTING THE PROJECT SITE. THIS MAY INCLUDE , BUT IS NOT LIMITED TO, CONSTRUCTION PERIMETER FENCING, SIGNAGE, AND PROTECTION OF EXCAVATIONS.
4. THE UTILITIES SHOWN ON THE PLANS ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS (ALL UTILITIES MAY NOT BE SHOWN). THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITIES SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO EXCAVATION.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH ALL EXISTING CONDITIONS. THE CONTRACTOR SHALL TAKE ALL NECESSARY FIELD MEASUREMENTS AND OTHERWISE VERIFY ALL DIMENSIONS AND EXISTING CONSTRUCTION CONDITIONS INDICATED AND/OR SHOWN ON THE DRAWINGS. SHOULD ANY ERROR OR INCONSISTENCY EXIST, THE CONTRACTOR SHALL NOT PROCEED WITH THE WORK AFFECTED UNTIL REPORTING TO THE ENGINEER FOR CLARIFICATION OR CORRECTION.
6. ALL OBSTRUCTIONS MAY NOT BE SHOWN ON PLANS. THE CONTRACTOR SHALL VISIT THE SITE AND DETERMINE THE ACTUAL CONDITIONS WITH REGARD TO THE EXISTENCE OF FENCES, DRIVEWAYS, TREES, SIDEWALKS, CULVERTS, UTILITIES AND OTHER MISCELLANEOUS OBSTACLES THAT MAY INTERFERE.
7. ANY INSPECTION BY THE CITY, COUNTY, STATE, FEDERAL, OR ENGINEER SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES, REGULATIONS AND PROJECT CONTRACT DOCUMENTS.
8. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH CURRENT WISDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION AND CURRENT WISDOT STANDARD PLANS UNLESS SHOWN OTHERWISE IN THIS PLAN SET OR ADDRESSED IN THE TECHNICAL SPECIFICATIONS.
9. THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THIS PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS INCLUDING SUCH INCIDENTALS AS MAY BE NECESSARY TO MEET THE INTENT OF THE PROJECT CONTRACT DOCUMENTS BUT NOT SPECIFICALLY CALLED OUT THEREIN, ALL APPLICABLE AGENCY REQUIREMENTS, AND ANY OTHER WORK AS MAY BE NECESSARY TO PROVIDE A COMPLETED PROJECT.
10. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES. ANY DAMAGE TO EXISTING UTILITIES, WHETHER THE UTILITY WAS SHOWN OR NOT ON THESE PLANS SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY OR UTILITIES CAUSED DURING CONSTRUCTION AND SHALL COORDINATE ACTIVITIES WITH UTILITY COMPANIES FOR GAS, TELEPHONE & ELECTRICAL U.G. LOCATIONS & ANY RELOCATIONS AS NECESSARY.
12. FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH WISCONSIN STATUTE 182.0175, THE CONTRACTOR SHALL CALL TOLL FREE 1.800.242.8511 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS & HOLIDAYS, PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. ALL PARTICIPATING "DIGGERS HOTLINE" MEMBERS WILL BE THUS ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR FROM NOTIFYING UTILITY OWNERS WHO MAY NOT BE PART OF THE "DIGGERS HOTLINE" ALERT SYSTEM.
13. THE CONTRACTOR SHALL COORDINATE WITH THE TELEPHONE & CABLE UTILITY COMPANY FOR CONSTRUCTION NEAR OR CROSSING THE FIBER OPTIC CABLES OR OTHER BURIED PHONE WIRES. CONTRACTOR SHALL HAND DIG NEAR THE CABLE/WIRE AND CONFORM TO ALL PRECAUTIONS SET FORTH BY THE UTILITY FOR FIBER OPTIC CABLES. WORK NEAR FIBER OPTIC CABLES SHALL NOT BE PAID FOR SEPARATELY.
14. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING DIMENSION OR OBTAINING CLARIFICATION FROM THE ENGINEER BEFORE CONTINUING CONSTRUCTION.
15. WHEN CONTRADICTIONS OCCUR BETWEEN PLANS & SPECIFICATIONS, CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ENGINEER BEFORE CONTINUING WITH CONSTRUCTION.
16. DURING CONSTRUCTION, DISPOSAL OF EXCESS MATERIAL SHALL NOT BE PERMITTED IN A WETLAND OR ADJACENT AREAS, UNLESS PERMITS ARE OBTAINED FROM THE APPROPRIATE REGULATORY AGENCIES.
17. EXISTING CULVERTS ARE TO BE PROTECTED DURING CONSTRUCTION AT ALL TIMES.
18. CONTRACTOR SHALL NOTIFY THE LOCAL FIRE DEPARTMENT, AMBULANCE SERVICES & ANY OTHER AFFECTED SERVICES 48 HOURS IN ADVANCE OF ANY TEMPORARY STREET CLOSURE & DURATION. UNDER NO CIRCUMSTANCES SHALL A STREET BE CLOSED OVERNIGHT WITHOUT APPROVAL.
19. UNLESS OTHERWISE NOTED ON THE PLANS OR SPECIFICATIONS, REMOVED ITEMS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSED OF OFF-SITE.
20. THE CONTRACTOR SHALL KEEP AN APPROVED SET OF PLANS ON THE PROJECT SITE AT ALL TIMES. ANY ALTERATION OR VARIANCE FROM THESE PLANS, EXCEPT MINOR FIELD ADJUSTMENTS NEEDED TO MEET EXISTING FIELD CONDITIONS, SHALL FIRST BE APPROVED BY ENGINEER AND WHEN NECESSARY THOSE AGENCIES AFFECTED BY THE ALTERATION. ANY VARIATIONS FROM THESE PLANS SHALL BE DOCUMENTED ON THE CONSTRUCTION PRINTS AND TRANSMITTED TO ENGINEER.
21. ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE RESTORED WITHIN 14 CALENDAR DAYS OF FINAL GRADING.
22. ALL EXISTING PUBLIC LAND SURVEY CORNERS, PROPERTY CONTROLLING CORNERS AND ALIGNMENT CONTROL POINTS SHALL BE LOCATED AND PRESERVED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. IT MAY BE NECESSARY TO PLACE OR ADJUST MONUMENT BOXES AS REQUIRED.

## TRAFFIC CONTROL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRAFFIC CONTROL RELATED TO CONSTRUCTION OF THE PROJECT. ALL TRAFFIC CONTROL SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE WISCONSIN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ERECTION AND PLACEMENT OF ALL THE REQUIRED SIGNING AS OUTLINED IN THE ABOVE MENTIONED MANUAL. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL SUCH OTHER TRAFFIC CONTROL DEVICES WHICH WILL ADEQUATELY WARN AND ALERT DRIVERS OF CONSTRUCTION HAZARDS.
3. DEPENDING UPON THE TYPE AND LOCATION OF THE WORK ACTIVITIES, THE CONTRACTOR SHALL PLACE SPEED ADVISORY SIGNING IN ACCORDANCE WITH THE LATEST EDITION OF THE WISCONSIN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

## UTILITY NOTES

1. SERVICE LINES MAY NOT BE WHERE SHOWN IN PLANS. VERIFY EXACT LOCATION PRIOR TO CONSTRUCTION AND REMOVAL OF SIDEWALKS AND CURBS.

## EROSION CONTROL NOTES

1. REFER TO CURRENT WISDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION FOR EROSION CONTROL MATERIALS AND PRODUCTS.
2. EROSION AND SEDIMENTATION CONTROL STRUCTURES SHALL BE INSPECTED AND REPAIRED AT LEAST ONCE A WEEK OR WITHIN 24 HOURS FOLLOWING A SIGNIFICANT RAIN EVENT OF 0.5 INCHES OR MORE.
3. ALL AREAS THAT REQUIRE RESTORATION SHALL BE RESTORED WITHIN 14 CALENDAR DAYS OF DISTURBANCE.
4. PRESERVE EXISTING VEGETATION WHERE POSSIBLE.
5. CONTRACTOR SHALL FOLLOW ALL STANDARD WISCONSIN BEST MANAGEMENT PRACTICES.
6. STOCKPILED SOILS THAT WILL REMAIN FOR MORE THAN 7 DAYS SHALL BE STABILIZED WITH SEEDING OR SURROUNDED WITH SILT FENCE PER CURRENT WDNR TECHNICAL STANDARDS.
7. SILT FENCE, INSTALLED AS NECESSARY, TO PROTECT ADJACENT PROPERTY.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY AND PERMANENT SOIL EROSION AND SEDIMENTATION CONTROLS IN ACCORDANCE WITH WISCONSIN WDNR TECHNICAL STANDARDS.
9. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS IN ACCORDANCE WITH AFOREMENTIONED AGENCIES REQUIREMENTS.
10. ALL DISTURBED AREAS SHALL BE RESTORED WITH TOPSOIL AND SOD AS SHOWN. TOPSOIL SHALL BE PLACED AND SPREAD AT A DEPTH OF 4". ALL CLODS AND LUMPS SHALL BE BROKEN DOWN AND ALL STONES AND ROCKS OVER 2" IN DIAMETER, ROOTS, LITTER, AND ALL FOREIGN MATTER SHALL BE RAKED UP AND DISPOSED OF BY THE CONTRACTOR OFF-SITE.
11. ALL INLETS, EXISTING AND PROPOSED, ARE TO BE PROTECTED ACCORDING TO THE DETAIL FOR INLET PROTECTION.

## UTILITY CONTACTS

THE EXISTING UTILITIES LISTED BELOW AND SHOWN ON THESE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AS OBTAINED ON OUR SURVEYS DATED MARCH 23RD, 2023.  
THIS INFORMATION DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO BE SATISFIED AS TO ITS ACCURACY AND THE LOCATION OF EXISTING UTILITIES.

**WPS**  
2850 S. ASHLAND AVE.  
GREEN BAY, WI 54304  
(800) 450-7260

CITY OF SHEBOYGAN, PUBLIC WORKS DEPT.  
2026 NEW JERSEY AVE.  
SHEBOYGAN, WI 53081  
(920) 459-3440



Dial **811** or (800)242-8511

www.DiggersHotline.com

NOTE: ALL UTILITIES SHOWN ARE APPROXIMATE AND MAY BE INCOMPLETE. FOR PROTECTION OF UNDERGROUND UTILITIES, AND IN CONFORMANCE WITH WISCONSIN STATUTE 182.0175, THE CONTRACTOR SHALL CALL TOLL FREE 811 OR 1-800-242-8511 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS, BUT NO MORE THAN 14 CALENDAR DAYS PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. ALL "DIGGERS HOTLINE" PARTICIPATING MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR FROM NOTIFYING UTILITY OWNERS WHO MAY NOT BE PART OF THE "DIGGERS HOTLINE" ALERT SYSTEM.

1	05/10/24	DRAFT FOR REVIEW		KVR	---	---
REV	DATE	DESCRIPTION		DES	CHK	APP

PREPARED FOR:

Wisconsin Public  
Service Corporation



700 North Adams Street  
P.O. Box 19001  
Green Bay, WI 54307-9001  
Phone: 800-450-7260 Fax: 920-431-4815

PREPARED BY:



COLEMAN ENGINEERING COMPANY  
IRON MOUNTAIN • IRONWOOD • GREEN BAY  
www.coleman-engineering.com

**PRELIMINARY**  
NOT FOR  
CONSTRUCTION

**DRAWING TITLE:**

## VIRGINIA DRS NOTES, UTILITIES, LEGEND AND ABBREVIATIONS

SCALE:

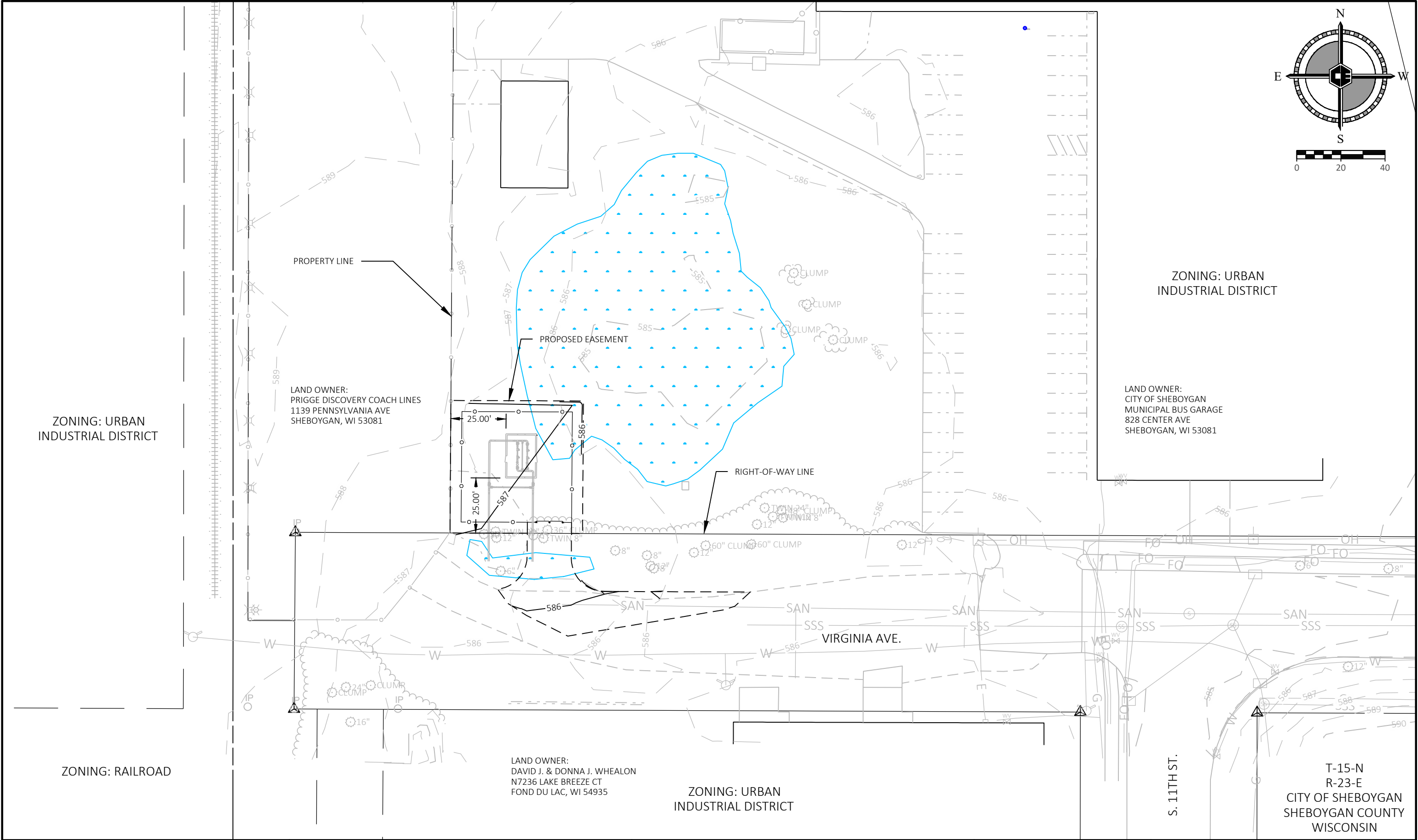
NONE

SHEET NO:

2 OF 6

REV.

1



1	05/10/24	DRAFT FOR REVIEW	KVR	---	---
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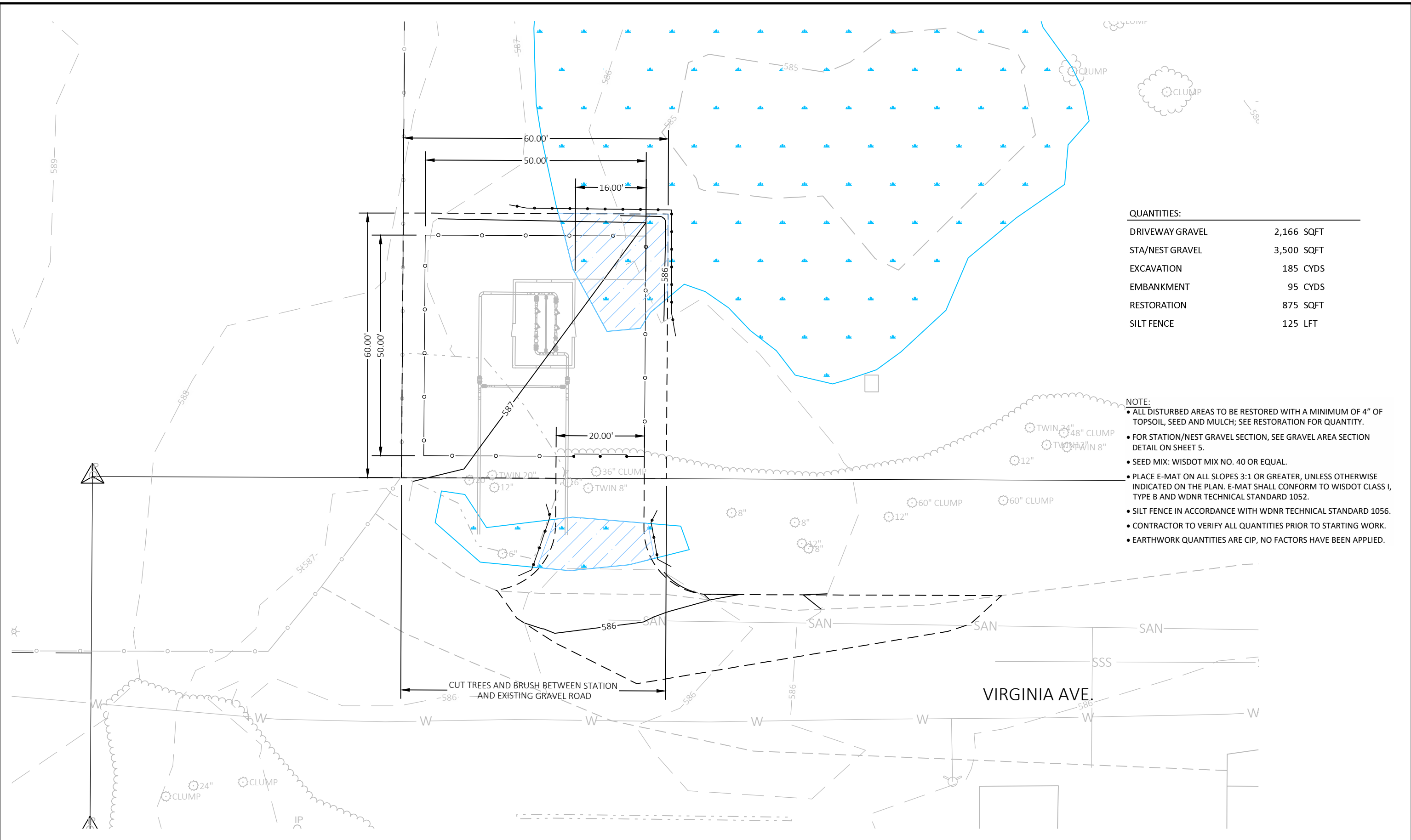
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DRAWING TITLE:			VIRGINIA DRS OVERALL SITE PLAN		
SCALE:		SHEET NO:		REV.	
1" = 40'		3 OF 6		1	




QUANTITIES:	
DRIVEWAY GRAVEL	2,166 SQFT
STA/NEST GRAVEL	3,500 SQFT
EXCAVATION	185 CYDS
EMBANKMENT	95 CYDS
RESTORATION	875 SQFT
SILT FENCE	125 LFT

- NOTE:
- ALL DISTURBED AREAS TO BE RESTORED WITH A MINIMUM OF 4" OF TOPSOIL, SEED AND MULCH; SEE RESTORATION FOR QUANTITY.
  - FOR STATION/NEST GRAVEL SECTION, SEE GRAVEL AREA SECTION DETAIL ON SHEET 5.
  - SEED MIX: WISDOT MIX NO. 40 OR EQUAL.
  - PLACE E-MAT ON ALL SLOPES 3:1 OR GREATER, UNLESS OTHERWISE INDICATED ON THE PLAN. E-MAT SHALL CONFORM TO WISDOT CLASS I, TYPE B AND WDNR TECHNICAL STANDARD 1052.
  - SILT FENCE IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1056.
  - CONTRACTOR TO VERIFY ALL QUANTITIES PRIOR TO STARTING WORK.
  - EARTHWORK QUANTITIES ARE CIP, NO FACTORS HAVE BEEN APPLIED.

REV	DATE	DESCRIPTION	DES	CHK	APP
1	05/10/24	DRAFT FOR REVIEW	KVR	---	---

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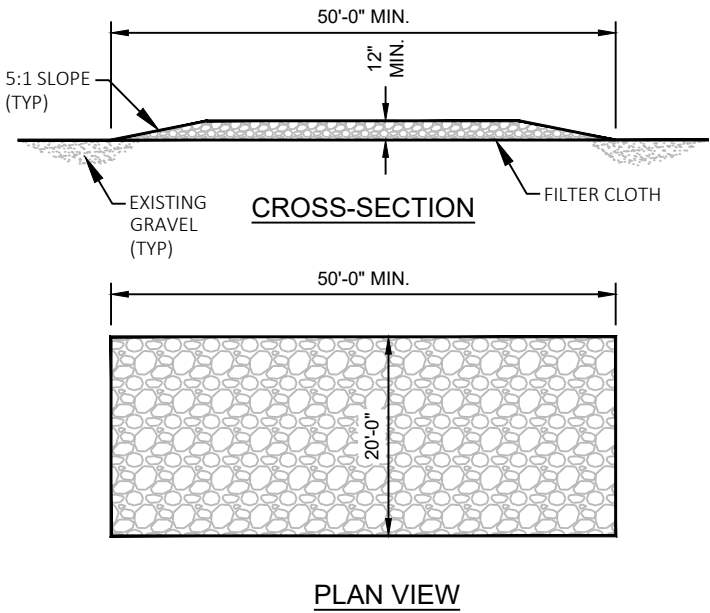
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NOT FOR  
CONSTRUCTION

DRAWING TITLE:		
VIRGINIA DRS SITE PLAN		
SCALE:	SHEET NO:	REV.
1" = 40'	4 OF 6	1



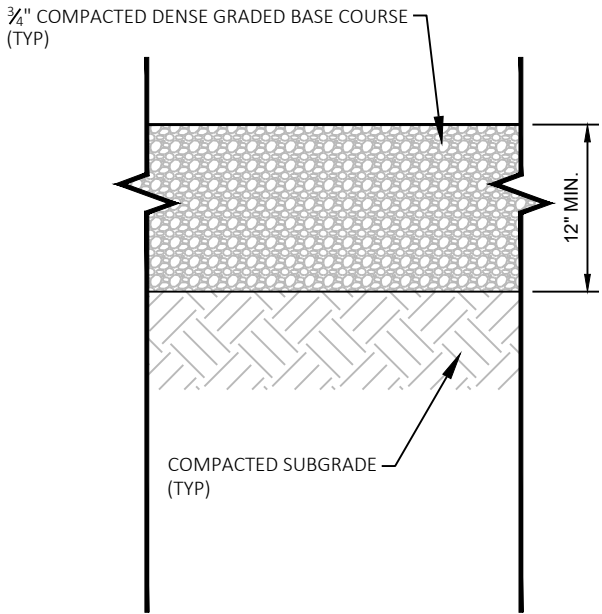
CONSTRUCTION SPECIFICATIONS

- 1.) STONE SIZE:  
USE 3"-6" CLEAR OR WASHED STONE.  
ALL MATERIAL SHALL BE RETAINED ON A 3" SIEVE.
- 2.) LENGTH - MIN. 50'-0" LG.
- 3.) THICKNESS, 12"
- 4.) WIDTH - AS SHOWN
- 5.) FILTER CLOTH:  
WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- 6.) SURFACE WATER:  
ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES  
SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE  
BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- 7.) OPERATION AND MAINTENANCE:  
- INSPECT WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT  
PRODUCES 0.5 INCHES OF RAIN OR MORE DURING A 24-HOUR PERIOD.  
- TRACKING PAD PERFORMANCE SHALL BE MAINTAINED BY SCRAPING OR TOP  
DRESSING WITH ADDITIONAL AGGREGATE.  
- A MINIMUM 12" THICK PAD SHALL BE MAINTAINED.
- 8.) TIRE WASHING:  
WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO  
PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN  
AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT  
TRAPPING DEVICE.



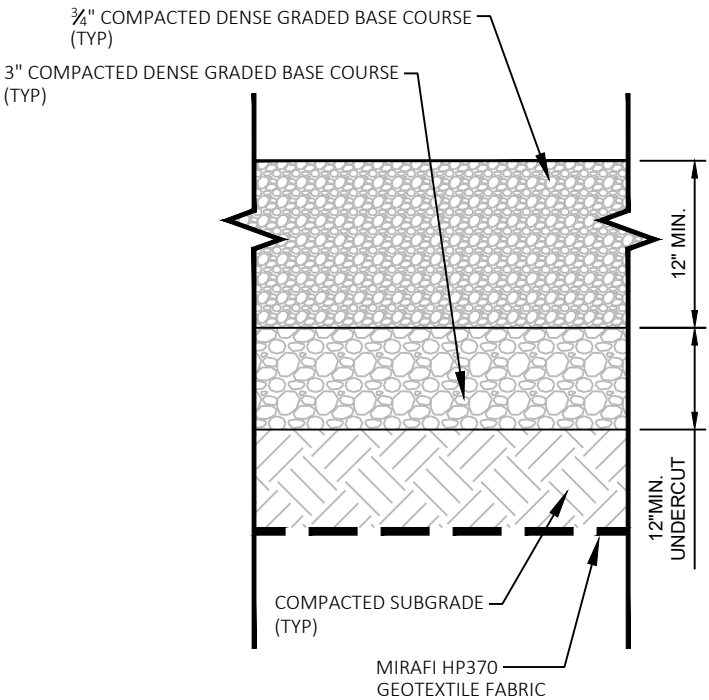
STONE TRACKING PAD DETAIL

NO SCALE



TYPICAL GRAVEL PAVING

NO SCALE



TYPICAL GRAVEL PAVING WITH UNDERCUTTING

NO SCALE

1	05/10/24	DRAFT FOR REVIEW	KVR	---	---
REV	DATE	DESCRIPTION	DES	CHK	APP


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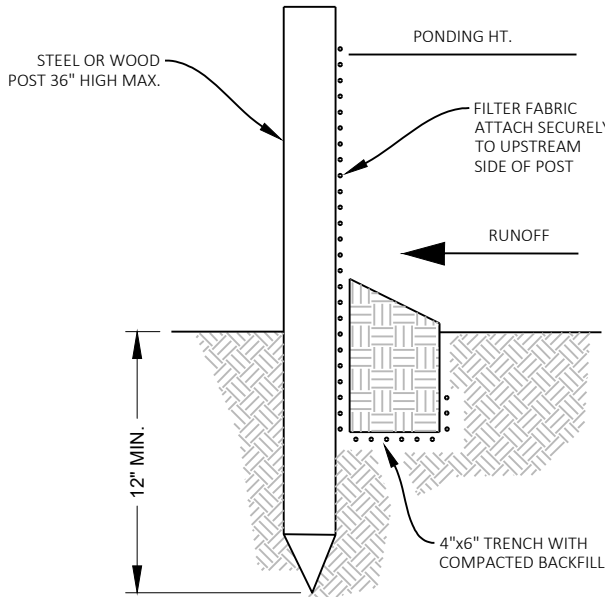
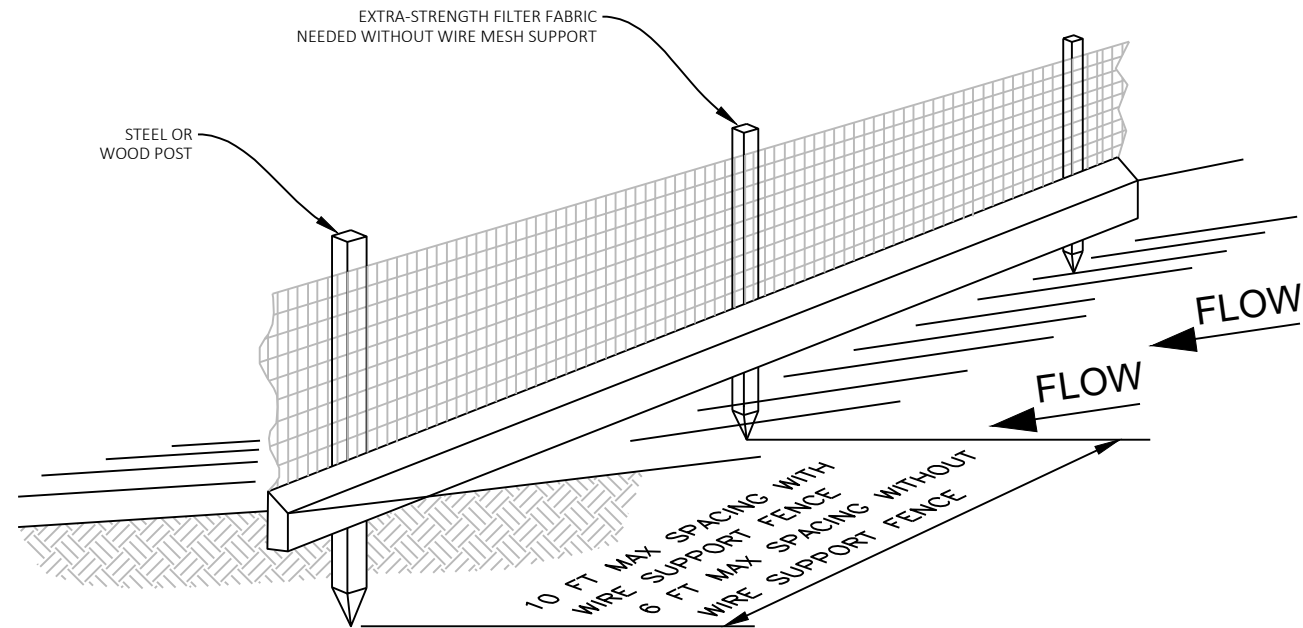
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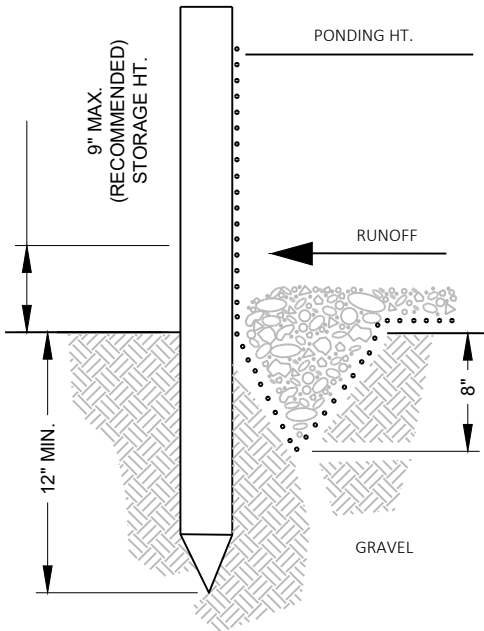
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DRAWING TITLE: VIRGINIA DRS MISCELLANEOUS DETAILS SHEET		
SCALE: NONE	SHEET NO: 5 OF 6	REV. 1



**STANDARD DETAIL**  
TRENCH WITH NATIVE BACKFILL



**ALTERNATE DETAIL**  
TRENCH WITH GRAVEL


NOTE:  
1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.  
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.  
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

**SILT FENCE DETAIL**  
NO SCALE

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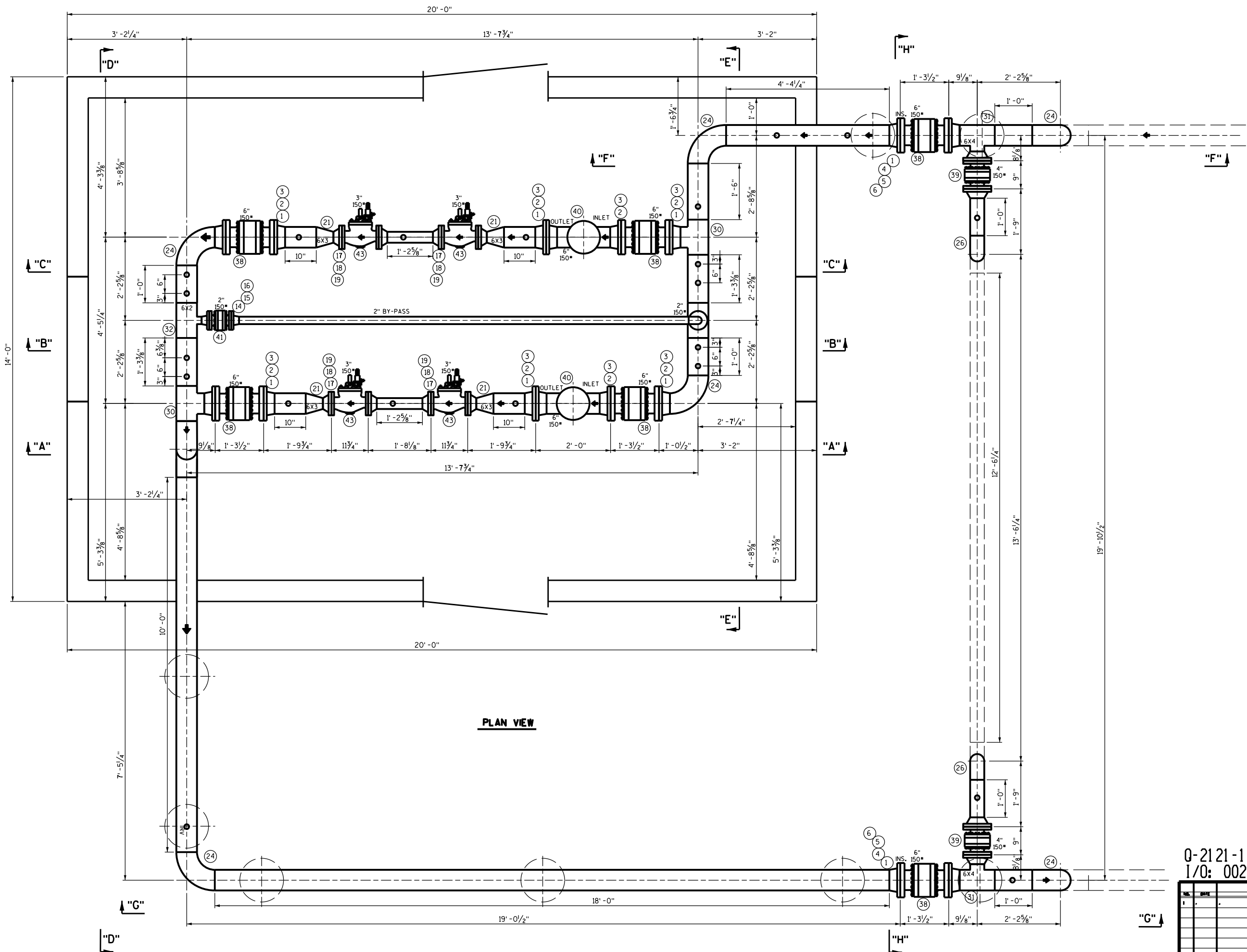
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DRAWING TITLE: VIRGINIA DRS MISCELLANEOUS DETAILS SHEET		
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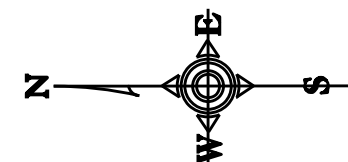


28 1 OF 4

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PLAN VIEW



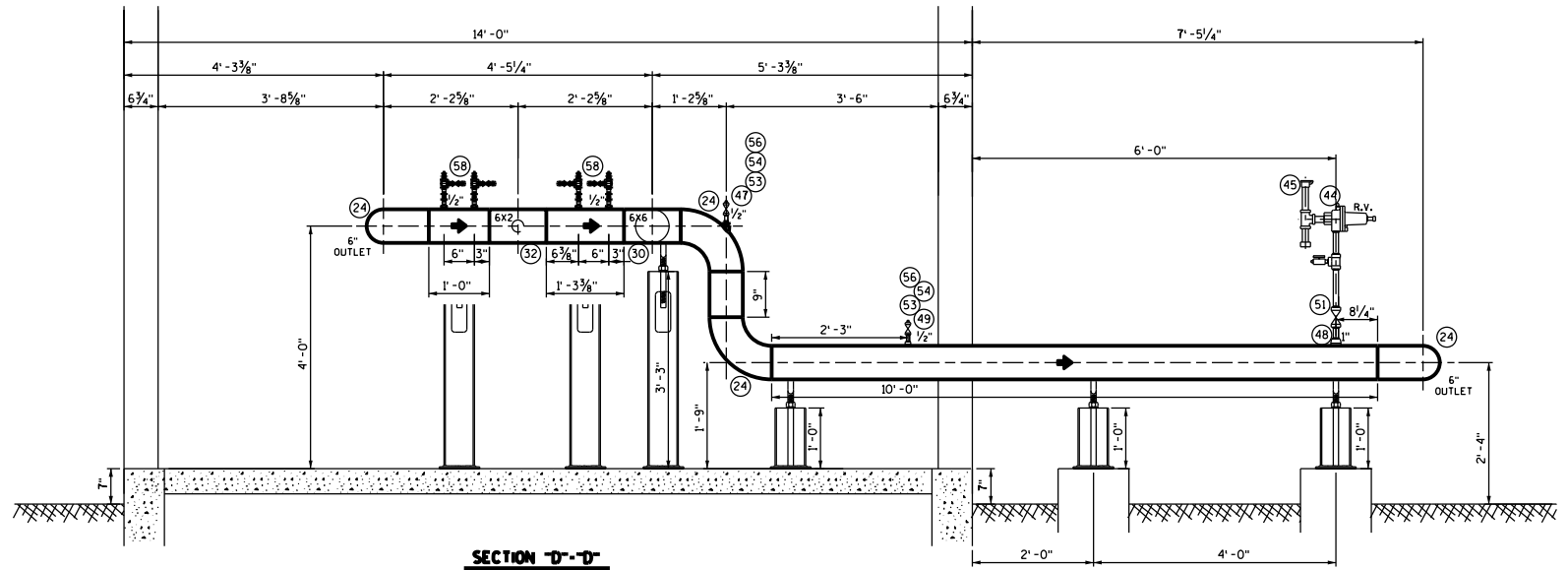
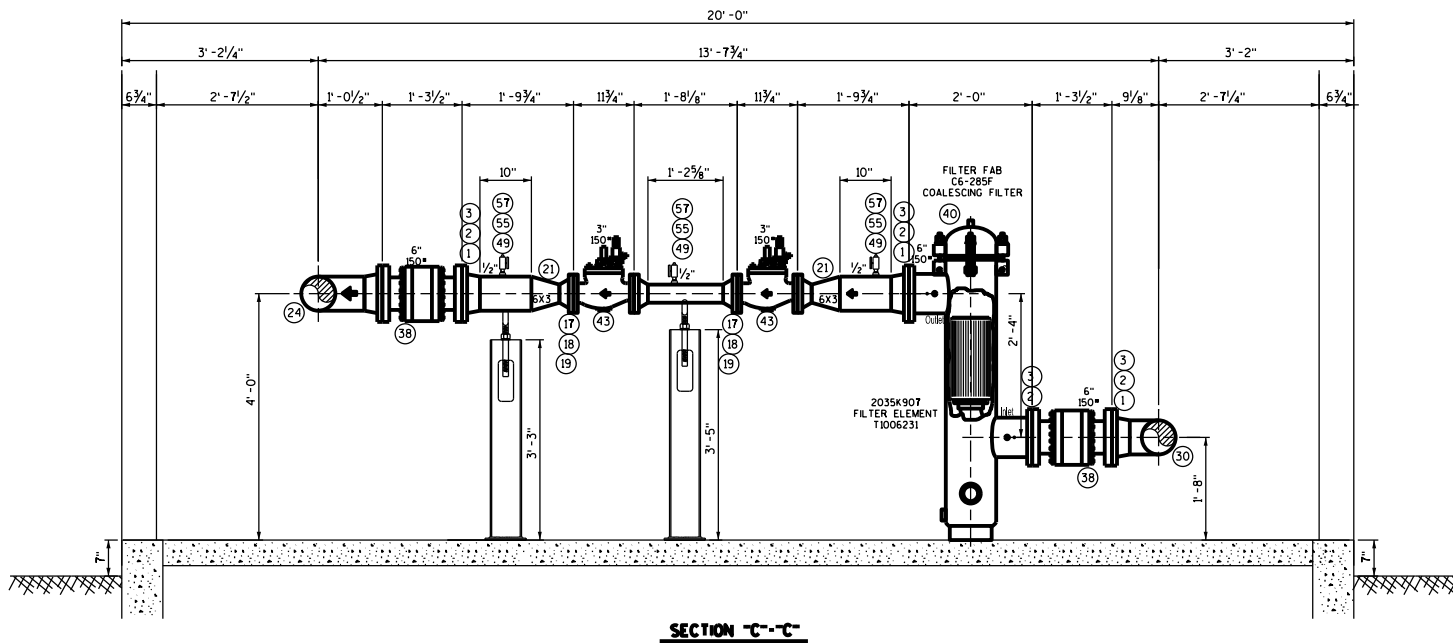
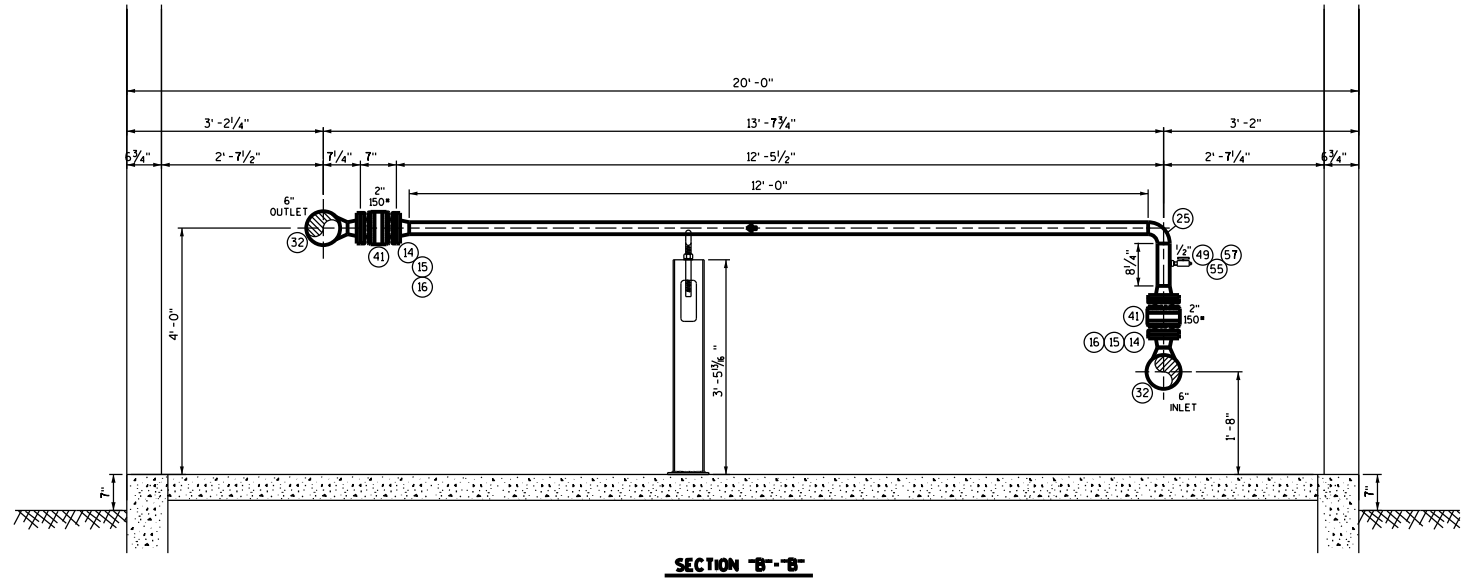
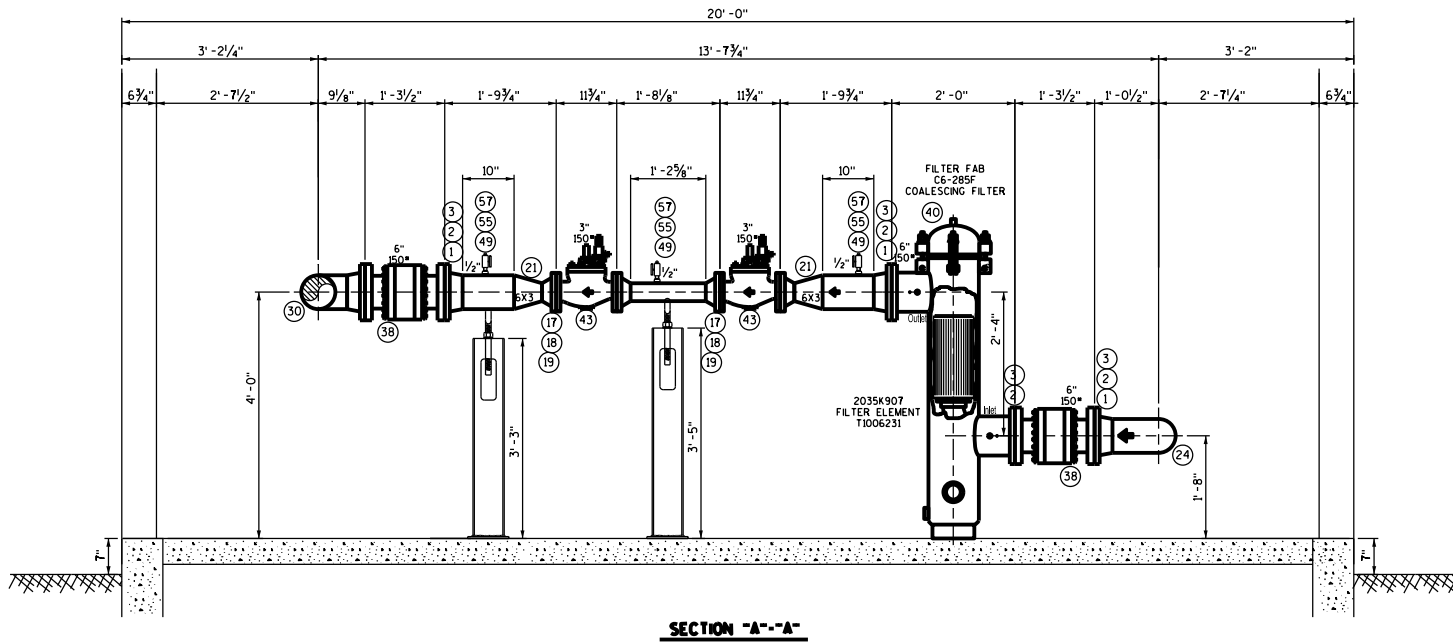
02/20/2024

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I/O: 00224001 49GC

REVISIONS			
NO.	DATE	DESCRIPTION	BY
1			

WISCONSIN PUBLIC SERVICE CORP.			
PIPING SECTIONS AND DETAILS			
VIRGINIA & COMMERCE DRS			
SHEBOYGAN, WISCONSIN			
SCALE	DATE	DATE	07-08-2021
DESIGN BY	ESS	CHECKED BY	ESS
TRACED BY	APPV T.D. BY	APPV T.D. BY	APPV T.D. BY
50-40256		PAGE 2 OF 4	







## PIPING

02/20/2024

**WISCONSIN PUBLIC  
SERVICE CORP.**

PIPING SECTIONS AND B.O.M.  
VIRGINIA & COMMERCE DRS  
SHEBOYGAN, WISCONSIN

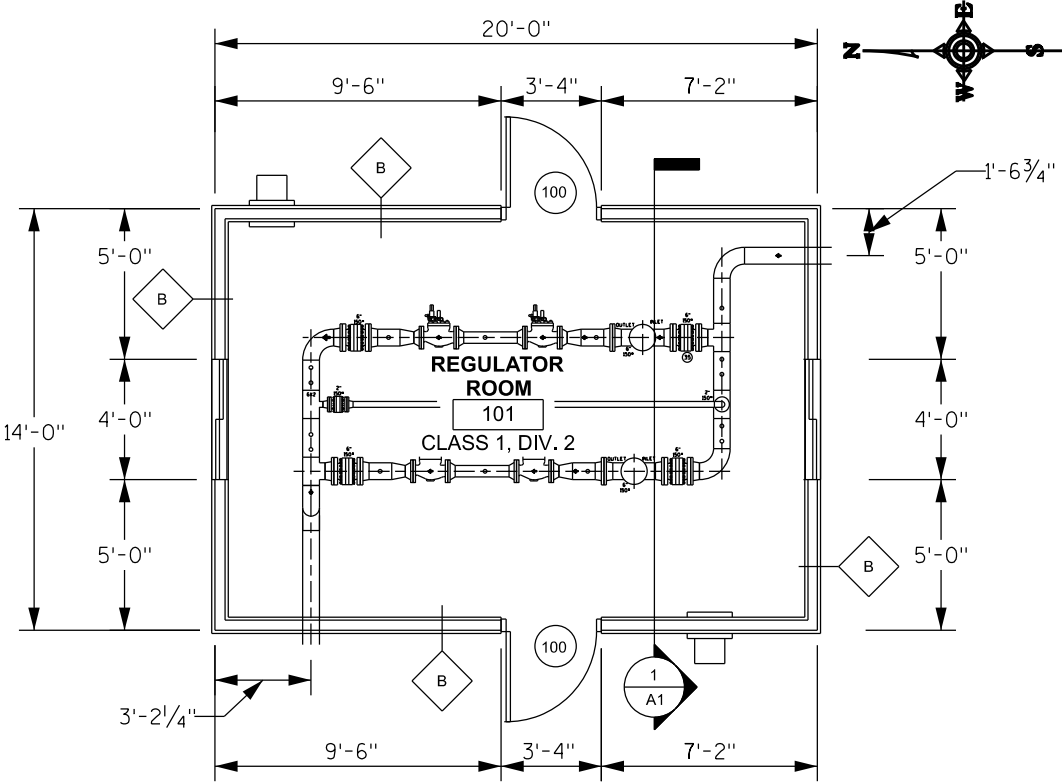
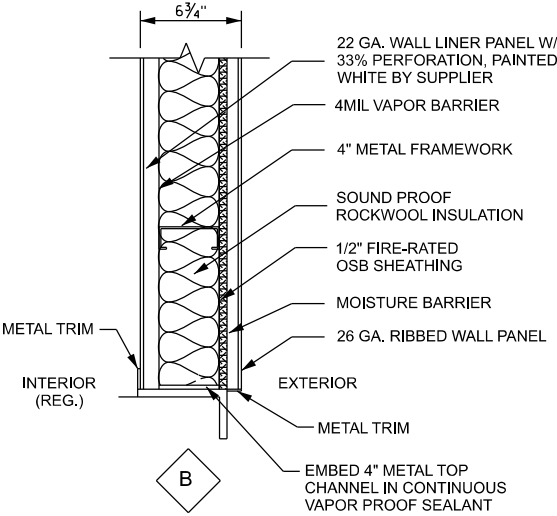
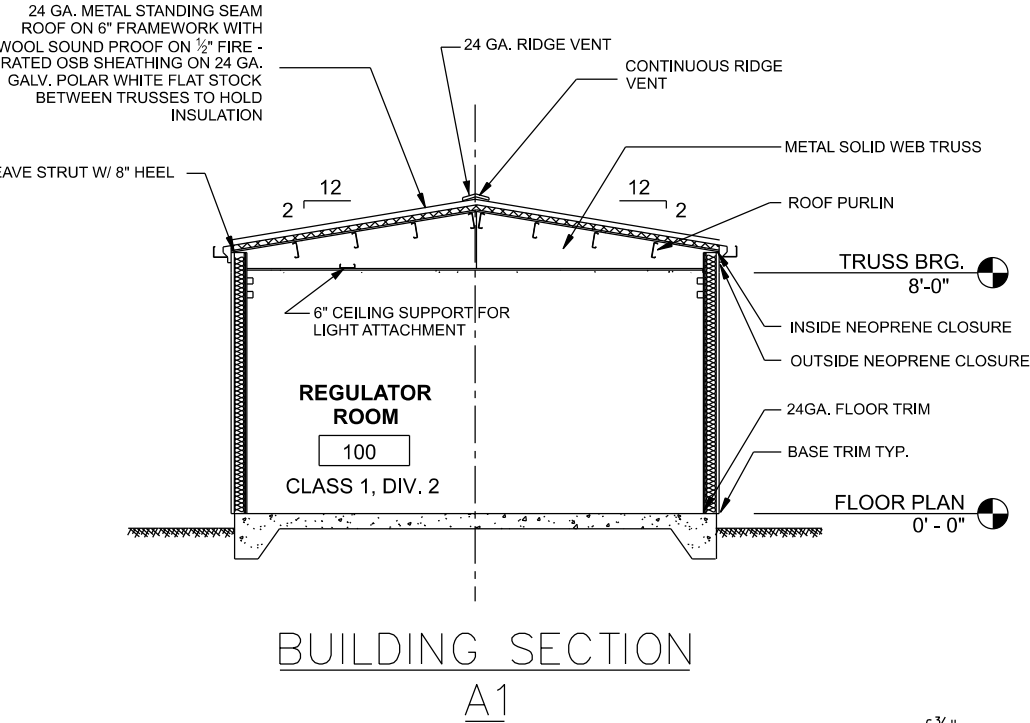
SCALE	NAME	DATE	07-06-2021
MADE BY	ESS	CHECKED BY	ESS
MADE BY		APPROVED BY	CJP

**Doc. No.** 50-40256 **PAGE 4 OF 4**

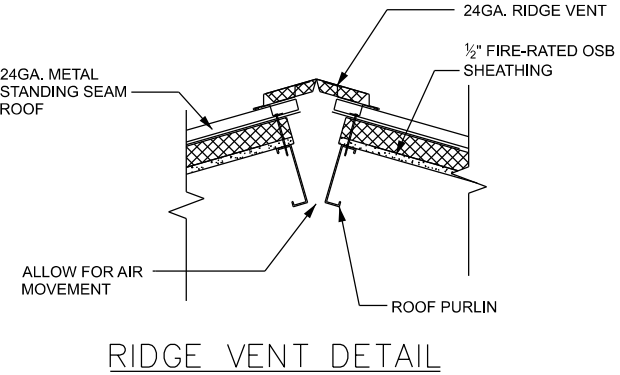
NOTE 1:  
ALL RISERS SHALL BE WRAPPED IN SHOP  
WITH SYNTHOGLASS WRAP AT APPROXIMATE  
GROUND INTERFACE PRIOR TO BEING SENT  
TO PAINT SHOP.

DOOR SCHEDULE																																																				
DOOR NUMBER	DOOR								BORROWED LITE SILL HGT.	BORROWED LITE SILL HGT.	FRAME								FIRE RATING	HARDWARE																																
	WIDTH	HEIGHT	THICKNESS	DOOR TYPE	INSULATED	MATERIAL	GAUGE	FINISH			FINISH	MATCH TO EXISTING	BORROWED LITE	MATERIAL	GAUGE	HEAD THICKNESS	JAMB THICKNESS	SIDELITE WIDTH		FINISH	MATCH TO EXISTING	DETAILS		CYLINDER ONLY	LEVER LOCK SET	LEVER LATCH SET	LEVER PRIVACY	PANIC DEVICE	PUSH/PULL	HINGES (PAIR)	NON-REMOV. PINS	DOOR STOP	CLOSER W/HOLD OPEN OPTION	KICK PLATE	FLUSH BOLTS	SURFACE BOLTS	ELECTRIC STRIKE	LATCH GUARD	RAIN GUARD	THRESHOLD/SWEEP	WEATHER STRIP	FINISH	MATCH TO EXISTING	GLAZING		NOTES						
								FINISH														MATCH TO EXISTING	HEAD DETAIL																					JAMB DETAIL	SILL DETAIL		FINISH	MATCH TO EXISTING	WIRE	1/4" CLR. SAFETY	1" CLR. INSUL. SAFETY	FIRE GLAZING
100	3' - 0"	7' - 0"	1 3/4"	1	•	STEEL	16	PAINT	-	-	-	H.M.	16	2"	2"	-	PAINT	-	-	-	-	-	-	•	•	•	11/2	•	•	•	•	-	-	-	-	-	•	•	•	•	32D	-	-	-	-	-	1					
101.1	3' - 0"	7' - 0"	1 3/4"	1	•	STEEL	16	PAINT	-	-	-	H.M.	16	2"	2"	-	PAINT	-	-	-	-	-	-	•	•	•	11/2	•	•	•	•	-	-	-	-	-	•	•	•	•	32D	-	-	-	-	-	1,2					
101.2	3' - 0"	7' - 0"	1 3/4"	1	•	STEEL	16	PAINT	-	-	-	H.M.	16	2"	2"	-	PAINT	-	-	-	-	-	-	•	•	•	11/2	•	•	•	•	-	-	-	-	-	•	•	•	•	32D	-	-	-	-	-	1					

DOOR TYPE: 1 = FLUSH; 2 = NARROW LITE; 3 = HALF LITE; 4 = FULL LITE  
NOTES: 1. PROVIDE S.S. PULL HANDLE MOUNTED ON INSIDE FACE OF DOOR.



- GENERAL NOTES:
- DIMENSIONS ARE TO THE FACE OF STRUCTURAL FRAMING, CENTER OF OPENING OR PIPE, UNLESS OTHERWISE NOTED.
  - CONFIRM ALL PIPE PENETRATION LOCATIONS PRIOR TO BUILDING ASSEMBLY.
  - EVERGREEN EXTERIOR AND PATRICIAN BRONZE TRIM.



NOTES FOR BUILDING EXTERIOR

WALL AND ROOF PANELS TO BE "EVERGREEN"  
DOORS AND TRIM TO BE "PATRICIAN BRONZE"

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1/0: 0022400149GC

REV.	DATE	DESCRIPTION	BY
1			

03/13/2024

**WISCONSIN PUBLIC SERVICE CORP.**

REGULATOR BUILDING AND FOUNDATION DETAILS  
VIRGINIA & COMMERCE DRS

SHEBOYGAN, WISCONSIN

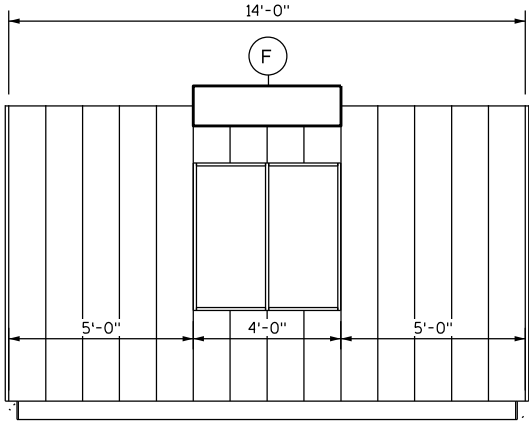
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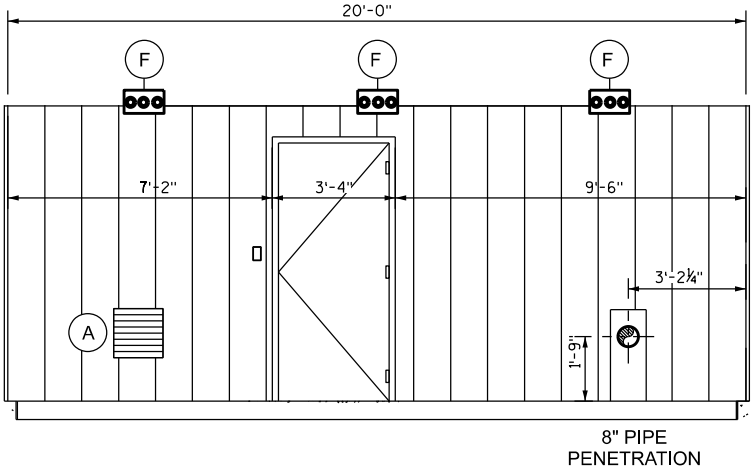
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DWG. NO. 50-40256 BLDG PG 1 OF 3

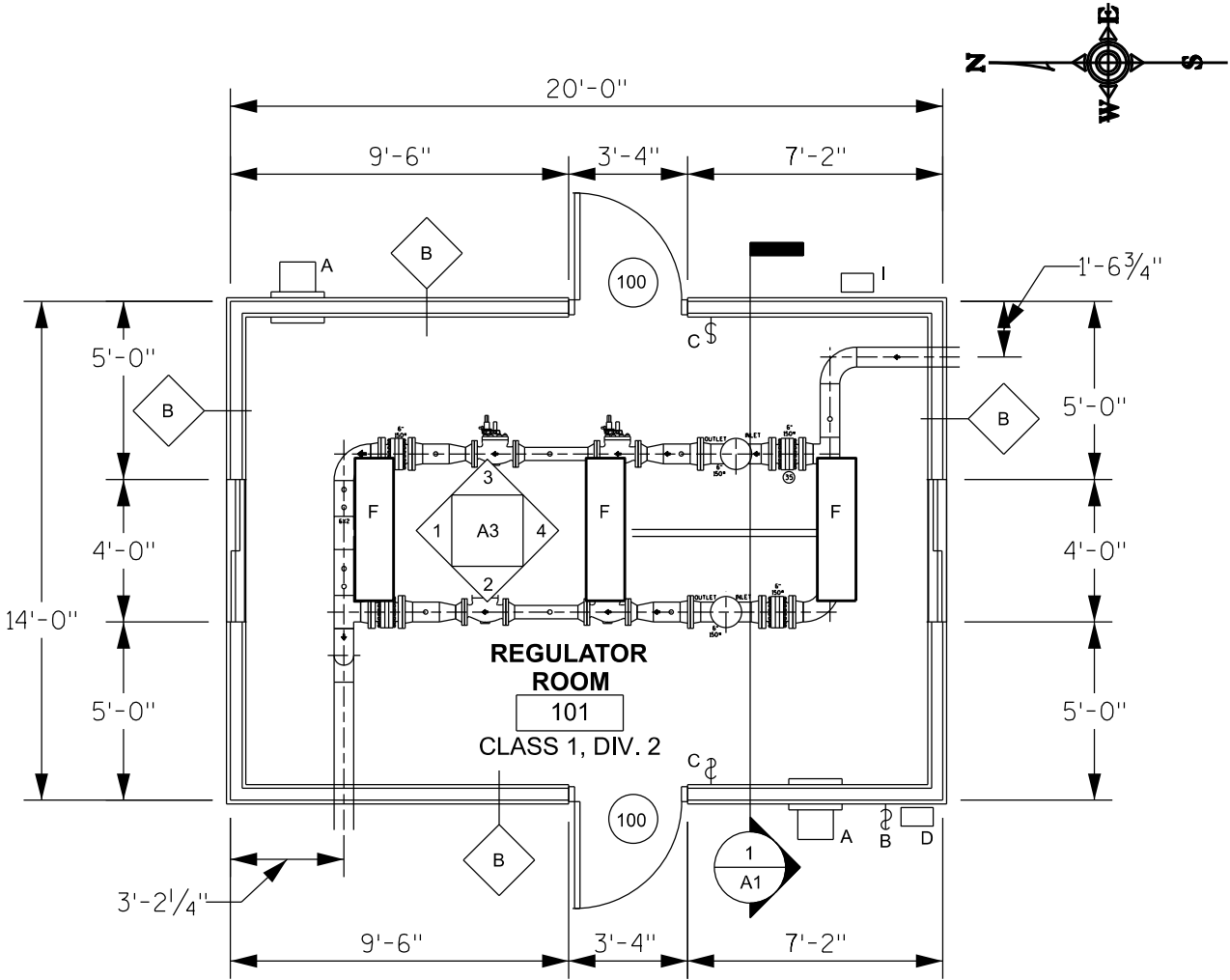
EQUIPMENT SCHEDULE		
MARK	QTY.	DESCRIPTION
A	2	ADJUSTABLE LOUVER W/FILTER & FILTER RACK AND OUTSIDE HOOD, 18" X 18"
B	1	SWITCH, WEATHER PROOF, SINGLE POLE, 20A
C	2	SWITCH, HAZARDOUS, THREE-WAY, 20A
D	1	EXTERIOR LIGHT FIXTURE, 100W, WALL PACK W/FULL CUT OFF, DUSK TO DAWN
F	3	LIGHT FIXTURE, HAZARDOUS, FLORESCENT W/HOOD AND GUARD, 3 LAMP, 4' LONG, LDPI OR SIMILAR
I	1	HAZARDOUS LOCATION JUNCTION BOX OR CONDUIT BOX



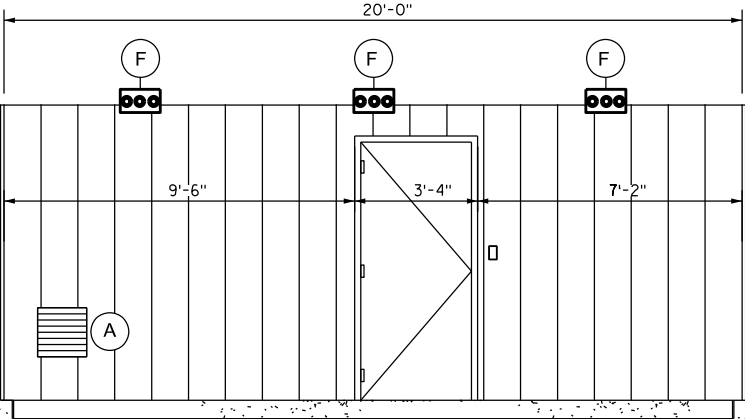
(1) REG ELEVATION N



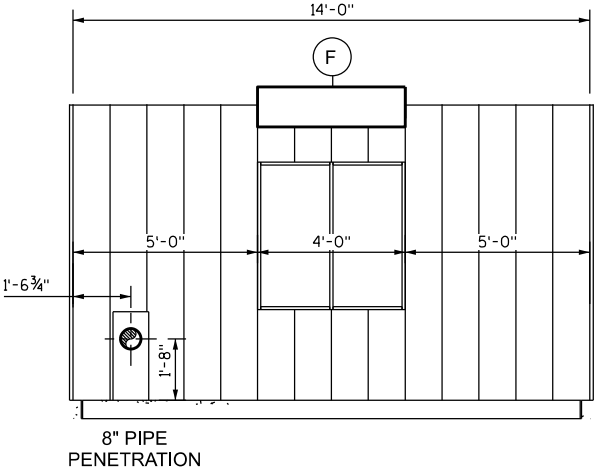
(2) REG ELEVATION W



FLOOR PLAN



(3) REG ELEVATION E

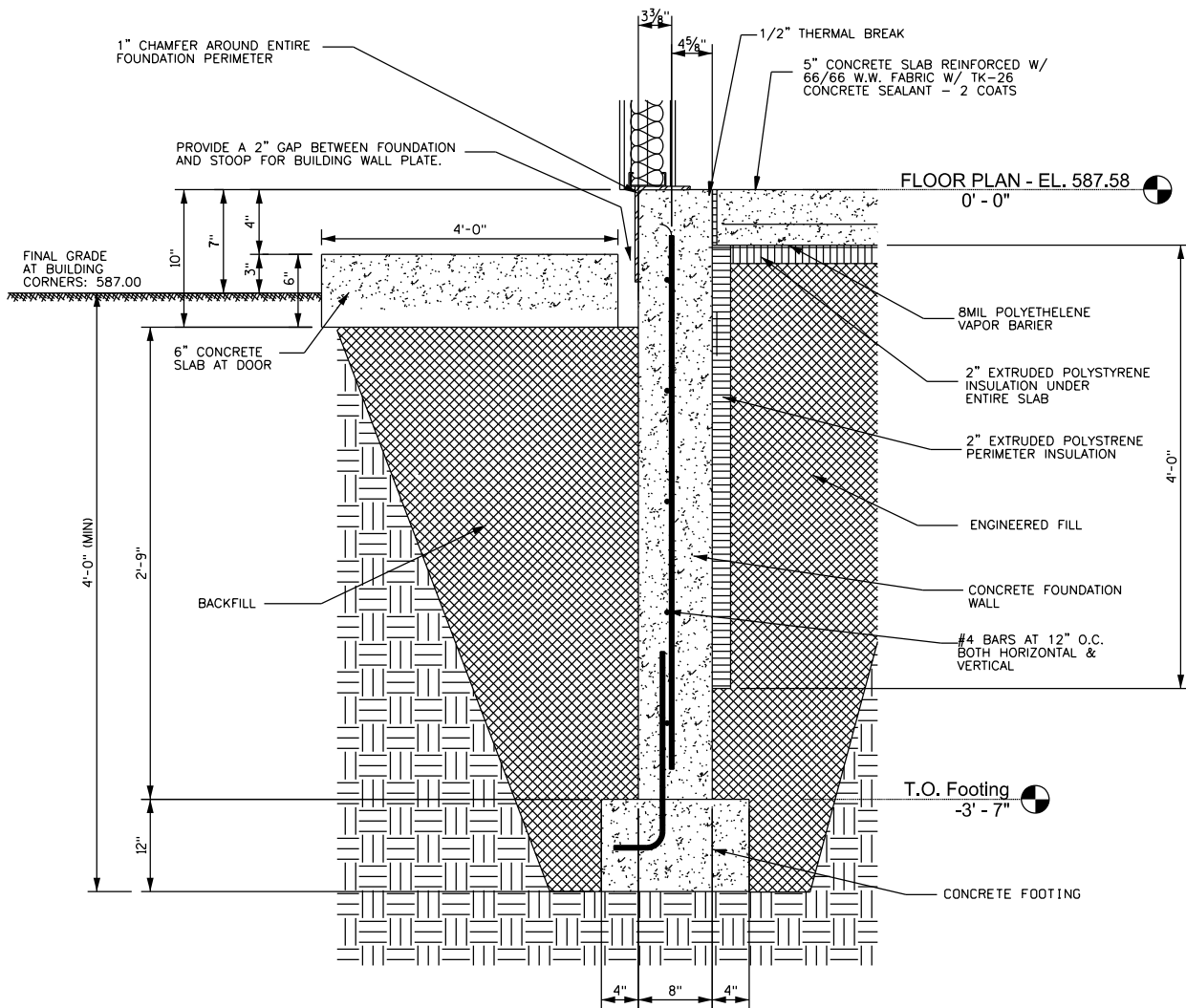


(4) REG ELEVATION S

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NO.	DATE	REVISIONS	BY
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<b>WISCONSIN PUBLIC SERVICE CORP.</b>	
REGULATOR BUILDING AND FOUNDATION DETAILS VIRGINIA & COMMERCE DRS	
SHEBOYGAN, WISCONSIN	03-21-2022
SCALE: 1/8" = 1'-0"	CHECKED BY: ESS
DRAWN BY: ESS	APPROVED BY: G.P.
DWG. NO. 50-40256	BLOC PG 2 OF 3



(1) TYPICAL FOUNDATION DETAIL—  
REGULATOR BUILDING

GENERAL NOTES:

- ALL WORK OF ALL TRADES SHALL BE COMPLETED IN ACCORDANCE WITH THE WISCONSIN ENROLLED COMMERCIAL CODE.
- THE CONTRACTOR SHALL BE FAMILIAR WITH ALL ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS TO VERIFY THE LOCATION AND DIMENSIONS OF CHASES, INSERTS, OPENINGS, SLEEVES, REGLETS, DEPRESSIONS AND OTHER PROJECT REQUIREMENTS NOT SHOWN ON THE DRAWINGS.
- OPENINGS SHOWN ON THE STRUCTURAL DRAWINGS SHALL NOT BE REVISED WITHOUT WRITTEN APPROVAL FROM THE ENGINEER/ARCHITECT.
- THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS AND CONDITIONS AND NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCISE.
- THE TYPICAL DETAILS SHOWN ON THE DRAWINGS SHALL BE APPLICABLE TO ALL PARTS OF THE CONTRACT DRAWINGS UNLESS SPECIFICALLY NOTED OTHERWISE.

FOUNDATION NOTES:

- ALL FOUNDATIONS SHALL BE SUPPORTED ON APPROVED EXISTING SUBGRADE OR APPROVED COMPACTED STRUCTURAL FILL HAVING AN ALLOWABLE BEARING CAPACITY OF 1500 PSF (ASSUMED)(MINIMUM).
- ALL EXTERIOR AND INTERIOR FOUNDATIONS SHALL BEAR ON APPROVED SUBGRADE AT A MINIMUM DEPTH OF 5'-10" BELOW FINISH EXTERIOR GRADE.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORTS AS REQUIRED TO PREVENT HORIZONTAL MOVEMENT OR VERTICAL SETTLEMENT WHICH WILL ENDANGER ADJACENT STRUCTURES, STREETS OR UTILITIES.
- THE CONTRACTOR SHALL PROVIDE CONTROL OF SURFACE AND SUBSURFACE AND SUBSURFACE WATER PROMPTLY TO INSURE THAT ALL FOUNDATION WORK IS DONE IN THE DRY.
- FOUNDATION(S) SHALL NOT BE PLACED ON FROZEN SUBGRADE.
- PROTECT IN-PLACE FOUNDATIONS AND SLABS-ON-GRADE FROM FROST PENETRATION UNTIL THE PROJECT IS COMPLETE.
- FOOTING ELEVATIONS, SHOWN ON THE DRAWINGS REPRESENT ESTIMATED DEPTHS AND ARE NOT TO BE CONSTRUED AS LIMITING THE AMOUNT OF EXCAVATION REQUIRED TO REACH SUITABLE BEARING MATERIAL.
- FOUNDATION WALLS SHALL BE BRACED DURING BACKFILLING AND COMPACTION OPERATIONS. BRACING SHALL BE LEFT IN POSITION UNTILL PERMANENT STRUCTURAL SUPPORT SYSTEMS ARE INSTALLED AND APPROVED BY THE ENGINEER.
- BACKFILLING SHALL BE DONE SIMULTANEOUSLY ON BOTH SIDES OF WALLS.

CONCRETE NOTES:

- CONCRETE SHALL HAVE A MINIMUM 28-DAY ULTIMATE COMPRESSIVE STRENGTH OF 3000-4000 PSI, TYPICALLY 6 BAGS COMMERCIAL- READY MIX CONCRETE.
- SLAB TOLERANCE FOR BOTH LENGTH AND WIDTH: PLUS & MINUS 1/4".
- MEASURED DIAGONAL LENGTHS SHALL BE WITHIN 1/2" OF EACH OTHER.
- VARIATION FROM LEVEL:
  - IN ANY 10' OF LENGTH - 1/8" MAX.
  - FOR THE ENTIRE LENGTH - 1/4" MAX.
- VARIATION FROM FLAT:
  - IN ANY 10' OF LENGTH - 1/8" MAX.
  - FOR THE ENTIRE LENGTH - 1/4" MAX.

CONCRETE REINFORCING NOTES:

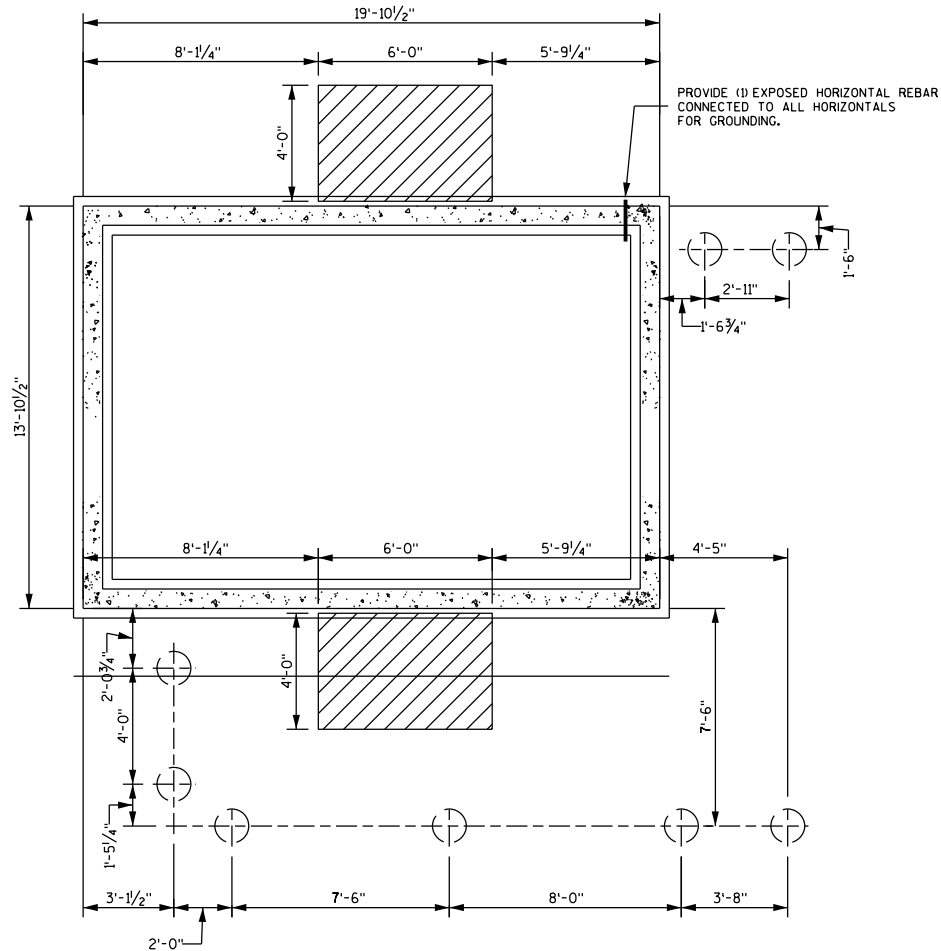
- STEEL REINFORCING BARS SHALL CONFORM TO ASTM A615 (GRADE 60), DEFORMED, WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
- REINFORCEMENT FABRICATOR SHALL PROVIDE AND SCHEDULE ON SHOP DRAWINGS ALL REQUIRED REINFORCING STEEL AND THE NECESSARY ACCESSORIES TO HOLD REINFORCEMENT SECURELY IN PLACE AT THE CORRECT LOCATIONS.
- CLEARANCES FOR REINFORCEMENT: CONCRETE PLACED DIRECTLY ON EARTH (FOOTINGS, SLABS, ETC.) 3" FROM BOTTOM. AT ALL OTHER CONCRETE PROVIDE 2" CLEAR TO REINFORCING, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL REFER TO TYPICAL DETAILS SHOWN ON CONTRACT DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
- WHERE REINFORCEMENT IS REQUIRED IN SECTIONS, REINFORCEMENT IS CONSIDERED TYPICAL WHEREVER SECTION APPLIES.

EARTHWORK NOTES:

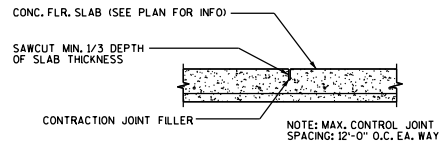
- FILL SHALL BE PLACED IN UNIFORM LAYERS AND COMPACTED TO AT LEAST 95% MODIFIED PROCTOR DENSITY.
- SAND OR GRAVEL FILL SHALL BE PLACED UNDER THE FLOOR IN UNIFORM LAYERS OF SIX TO EIGHT (6-8) INCHES AND MECHANICALLY COMPACTED TO AT LEAST 95% MODIFIED PROCTOR DENSITY.

ENVIRONMENTAL NOTES:

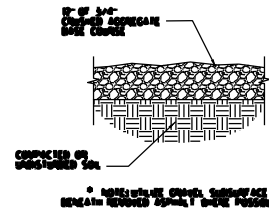
- IN THE EVENT THE CONTRACTOR ENCOUNTERS SOIL OR OTHER MEDIA WHICH, BASED ON ITS APPEARANCE, ODOR, OR OTHER MEANS OF DETECTION, APPEARS TO BE CONTAMINATED, WORK IN THE IMMEDIATE AREA WILL CEASE AND THE CONTRACTOR SHALL NOTIFY WPSO WPSO WILL REPORT THE SUSPECTED CONTAMINATION TO THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES, IF APPROPRIATE. THE CONTRACTOR SHALL NOT RESUME WORK UNTIL NOTIFIED TO DO SO BY WPSO.



REGULATOR BUILDING  
FOUNDATION PLAN



TYP. CONTROL JOINT DETAIL



TYPICAL GRAVEL PAVING

NOTES:

AVOID WHENEVER POSSIBLE DAMAGING FLOWERING PLANTS THAT ARE NOT DIRECTLY IN THE CONSTRUCTION AREA.

ADD NATIVE FLOWER SEED TO THE RESTORATION.

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NO.	DATE	REVISIONS	DESCRIPTION
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WISCONSIN PUBLIC SERVICE CORP.	
REGULATOR BUILDING AND FOUNDATION DETAILS VIRGINIA & COMMERCE DRS	
SHEBOYGAN, WISCONSIN	
SCALE	DATE
DRAWN BY	CHECKED BY
TRACED BY	APPROVED BY
DWG. NO.	50-40256
BLDG PG 3 OF 3	